L Number	Hits	Search Text	DB	Time stamp
1	20	6529670.pn. 6528864.pn. 6513564.pn.	USPAT;	2004/07/15 11:51
		6021267.pn. 5777386.pn. 5661316.pn.	US-PGPUB;	
		5341024.pn. 5327517.pn. 5223741.pn.	EPO; JPO;	
			DERWENT;	
İ			IBM TDB	
2	484	(dicing or cleaving or cleaved or diced or	USPAT;	2004/07/15 11:59
1		cleave or singulating or singulation or	US-PGPUB;	
		singulate or singulated) with (curved or	EPO; JPO;	
1		concave or curve or nonlinear or curving or	DERWENT;	
		non near straight)	IBM TDB	
3	165		USPAT;	2004/07/15 12:06
		cleave or singulating or singulation or	US-PGPUB;	2001,01,25 12100
		singulate or singulated) with (curved or	EPO; JPO;	
		concave or curve or nonlinear or curving or	DERWENT;	
		non near straight) same (chip or die or ic.	IBM TDB	
		or circuit or device or element or	TBM_TBB	
		component)		
4	134	(dicing or cleaving or cleaved or diced or	IICDATE.	2004/07/15 12:22
	134	dicing of cleaving of cleaved of diced of	USPAT;	2004/07/15 13:22
		cleave or singulating or singulation or	US-PGPUB;	
		singulate or singulated) near3 (curved or	EPO; JPO;	
		concave or curve or nonlinear or curving or	DERWENT;	
_		non near straight or non adj linear)	IBM_TDB	
5	9	,,	USPAT	2004/07/15 12:08
İ		"5661316" "5777386" "6021267"		
		"6513564" "6528864" "6529670").PN.		
5	2		USPAT	2004/07/15 12:09
7	3	, , ======	USPAT	2004/07/15 12:10
3	16	(chip or die or ic) near2 (curve or curved	USPAT;	2004/07/15 13:25
		or s or concave or curving or irregular)	US-PGPUB;	
		near2 (edge or edged or end or side) same	EPO; JPO;	
		(cleave or cleaving or cleaved or	DERWENT;	
}		singulation or singulate or singulating or	IBM TDB	
		singulated or dice or dicing or diced or		
		separating or dividing)		
9	72		USPAT;	2004/07/15 12:48
-		circuit or device) near2 (curve or curved or	US-PGPUB;	2004/07/13 12:40
]		s or concave or curving or irregular) near2	EPO; JPO;	
		(edge or edged or end or side or face) same	DERWENT;	
		(cleave or cleaving or cleaved or	IBM TDB	
		singulation or singulate or singulating or	TDM_TDB	
		singulated or dice or dicing or diced or		
]			ļ	
	3	separating or dividing)		5004/05/05 00 04
10	2		USPAT	2004/07/15 12:44
11	12	,	USPAT	2004/07/15 12:44
		"5656547" "5668400" "5753959"		
		"5814885" "5904546" "5910687"		
		"5928526" "6306731" "6387778").PN.		
L2	1984	(curve or curved or s or concave or curving	USPAT;	2004/07/15 12:50
ļ	1	or irregular) near2 (edge or edged or end or	US-PGPUB;	
1		side or face) near8 (cleave or cleaving or	EPO; JPO;	
		cleaved or singulation or singulate or	DERWENT;	
i		singulating or singulated or dice or dicing	IBM TDB	
		or diced or separating or dividing or	_	
		division or separation)		
13	2003		USPAT;	2004/07/15 12:50
		or irregular or nonlinear or non-linear)	US-PGPUB;	2004/07/13 12:30
		near2 (edge or edged or end or side or face)	EPO; JPO;	
		near8 (cleave or cleaving or cleaved or	DERWENT;	
		singulation or singulate or singulating or		
		singulation or singulate or singulating or singulated or dice or dicing or diced or	IBM_TDB	
		departating or dividing or dividing or		
		separating or dividing or division or	1	
,	2-	separation)		0001/00/00
14	25	,	USPAT;	2004/07/15 13:26
		s or concave or curving or irregular or	US-PGPUB;	
		nonlinear or non-linear) near2 (edge or	EPO; JPO;	1
		edged or end or side or face) near3 (cleave	DERWENT;	
		or cleaving or cleaved or singulation-or-	-I-BM_TDB	
		singulate or singulating or singulated or	_	
	1			
	İ	dice or dicing or diced or separating or dividing or division or separation)		i

15	40	(die or chip or ic) same (curve or curved or s or concave or curving or irregular or nonlinear or non-linear) near2 (edge or edged or end or side or face) near5 (cleave or cleaving or cleaved or singulation or singulate or singulating or singulated or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 12:52
16	85	dice or dicing or diced or separating or dividing or division or separation) (die or chip or ic or wafer or substrate) same (curve or curved or s or concave or curving or irregular or nonlinear or non-linear) near2 (edge or edged or end or side or face) near5 (cleave or cleaving or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 13:19
17	29	cleaved or singulation or singulate or singulating or singulated or dice or dicing or diced or separating or dividing or division or separation) ("4301470" "4328553" "4478368" "4555872" "4648215" "4705016"	USPAT	2004/07/15 12:55
		"4893440" "5160403" "5184434" "5279075" "5527204" "5567964" "5587605" "5637030" "5679058" "5757445" "5776796" "5782673" "5840597" "5908349" "5926586" "5962862" "6002163" "6014965" "6077152" "6080907" "6180497" "6191473" "6325059").PN.		
18	2 7	5926586.URPN. ("4021097" "5502781" "5515460" "5600742" "5623571" "5629991" "5745616").PN.	USPAT USPAT	2004/07/15 12:57 2004/07/15 12:58
20	60	(nonlinear or nonlinearly or non-linear or nonlinearity or non-linearly) near3 (chip or die or ic or wafer or substrate) near3 (edge or face or edged or end)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/15 13:20
21	169	(scribe or scribing or scribed) near3 (curved or concave or curve or nonlinear or curving or non near straight or non adj linear)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/15 13:23
22	25	(scribe or scribing or scribed) near3 (curved or concave or curve or nonlinear or curving or non near straight or non adj linear) same (die or chip or ic or wafer or substrate)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/07/15 13:23
23	6		IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 13:25
24	1	(die or chip or ic or wafer or substrate) same (curve or curved or s or concave or curving or irregular or nonlinear or non-linear) near2 (edge or edged or end or side or face) near3 (scribe or scribing or scribed)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 13:26
25	106		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/15 13:28
26	48	(curved or curving or nonlinear or non-linear or concave) near3 (scribe or cleave or scribing or cleaving) near2 (line or plane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/07/15 13:28
27	53	(curved or curve or curving or nonlinear or non-linear or concave) near3 (scribe or cleave or scribing or cleaving) near2 (line or plane)	-USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-2004707/15 ⁻ 13:54 ⁻

	T	1	******	0001/05/55 55
28	2	5926586.pn.	USPAT;	2004/07/15 13:54
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
	_		IBM_TDB	
29	2	5926586.URPN.	USPAT	2004/07/15 13:54
30	3	"09/693,347"	USPAT;	2004/07/15 13:56
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
31	7	, , , , , , , , , , , , , , , , , , , ,	USPAT	2004/07/15 13:55
		"5600742" "5623571" "5629991"		
		"5745616").PN.		
32	9	(die near bond or flip near chip or bonding)	USPAT;	2004/07/15 13:58
		near3 router	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
33	7	(die near bond or flip near chip or bonding	USPAT;	2004/07/15 14:16
		or stacked or stack or bonded) with	US-PGPUB;	i
		(wavelength or waveguide) near2 router	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
34	278	(stack or stacked) near3 router	USPAT;	2004/07/15 14:18
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
35	9	(Tradit or bodditod, moder roader banne	USPAT;	2004/07/15 14:17
		(optical or waveguide or optics or light or	US-PGPUB;	
		laser)	EPO; JPO;	
	i		DERWENT;	
			IBM_TDB	
36	166	(stack or stacked) near2 router	USPAT;	2004/07/15 14:20
		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
37	79	(cleave or cleaving or cleavage or scribe or	USPAT;	2004/07/15 14:20
		scribing or scribed or dicing or diced)	US-PGPUB;	
		near3 (contour or contoured)	EPO; JPO;	
			DERWENT;	i i
			IBM_TDB]